

Claims

- [c1] 1.A thermoplastic composition comprising a compatibilized poly(arylene ether)/polyamide resin blend and a dendritic polyester resin.
- [c2] 2.The composition of Claim 1, wherein the compatibilized poly(arylene ether)/polyamide resin blend comprises about 30 to about 90 weight percent poly(arylene ether) and about 10 to about 70 weight percent polyamide, based on the total weight of the composition.
- [c3] 3.The composition of Claim 1, wherein the dendritic polyester resin has a weight average molecular weight of about 1,000 to about 21,000.
- [c4] 4.The composition of Claim 1, wherein the dendritic polyester resin is present in an amount of about 0.1 to about 15 weight percent based on the total weight of the composition.
- [c5] 5.The composition of Claim 1, further comprising an impact modifier.
- [c6] 6.The composition of Claim 5, wherein the impact modifier is a block copolymer.
- [c7] 7.The composition of Claim 5, wherein the impact modifier is a styrene-butadiene-styrene block copolymer.
- [c8] 8.A method for enhancing the melt flow of compatibilized poly(arylene ether)/polyamide blend comprising intimately mixing the compatibilized poly(arylene ether)/polyamide blend with a dendritic polyester resin.
- [c9] 9.The method of Claim 8, wherein the compatibilized poly(arylene ether)/polyamide blend comprises about 30 to about 90 weight percent poly(arylene ether) and about 10 to about 70 weight percent polyamide, based on the total weight of the composition.
- [c10] 10.The method of Claim 8, wherein the dendritic polyester resin has a weight average molecular weight of about 1,000 to about 21,000.
- [c11] 11.The method of Claim 8, wherein the dendritic polyester resin is present in an

amount of about 0.1 to about 15 weight percent based on the total weight of the composition.

- [c12] 12.The method of Claim 8, wherein the compatibilized poly(arylene ether)/polyamide blend further comprises an impact modifier.
- [c13] 13.The method of Claim 12, wherein the impact modifier is a block copolymer.
- [c14] 14.The method of Claim 13, wherein the impact modifier is a styrene-butadiene-styrene block copolymer.
- [c15] 15.A method for enhancing the melt flow of compatibilized poly(arylene ether)/polyamide blend comprising intimately mixing a poly(arylene ether) resin, a polyamide resin, and a compatibilizing agent with a dendritic polyester resin.
- [c16] 16.The method of Claim 15, wherein the compatibilized poly(arylene ether)/polyamide blend comprises about 30 to about 90 weight percent poly(arylene ether) and about 10 to about 70 weight percent polyamide, based on the total weight of the composition.
- [c17] 17.The method of Claim 15, wherein the dendritic polyester resin has a weight average molecular weight of about 1,000 to about 21,000.
- [c18] 18.The method of Claim 15, wherein the dendritic polyester resin is present in an amount of about 0.1 to about 15 weight percent based on the total weight of the composition.
- [c19] 19.The method of Claim 15, further comprising intimately mixing an impact modifier with the poly(arylene ether) resin, polyamide resin, compatibilizing agent and dendritic polyester resin.
- [c20] 20.The method of Claim 19, wherein the impact modifier is a block copolymer.
- [c21] 21.The method of Claim 20, wherein the impact modifier is a styrene-butadiene-styrene block copolymer.
- [c22] 22.The method of Claim 15, wherein the compatibilizing agent is a

polycarboxylic acid.

[c23] 23.The method of Claim 22, wherein the compatibilizing agent is citric acid.

APP ID=09683955